

PROCEEDINGS  
OF THE  
BIOLOGICAL SOCIETY OF WASHINGTON

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DESCRIPTIONS OF NEW GENERA SPECIES AND  
SUBSPECIES OF AMERICAN BIRDS.

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The following new forms are included in Part III of "Birds of North and Middle America,"\* now mostly in print, the further printing and publication of which has been postponed until after June, 1904. In consequence of this long delay it is obviously desirable that these novelties be published in advance.

**Budytes flavus alascensis**, new subspecies.

Similar to *B. f. leucostriatus* but slightly smaller, especially the bill; coloration duller, the yellow of underparts paler and less pure, the chest more distinctly clouded or blotched with grayish, the olive-green of rump, etc., less pronounced.

Western Alaska.

Type, No. 73,231, Coll. U. S. Nat. Mus., adult male, St. Michael, Alaska, June 1, 1877; L. M. Turner.

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\*Bulletin of the U. S. National Museum, No. 50.

**Alopochelidon\***, new genus.

Tail less than half as long as wing, slightly emarginate, all the rectrices broad and rounded at tip; wing-tip little if any longer than distance from bend of wing to end of longest secondaries; above dull grayish brown.

Similar to *Stelgidopteryx* but differing in less adhesion between toes (in this respect agreeing with *Pygochelidon*), and in entire absence of recurved tips to barbs of outer web of outermost primary.

Type, *Hirundo fucata* Temminck.

**Orochelidon†**, new genus.

Differing from *Atticora*, *Neochelidon* and *Notiochelidon* in having the subbasal phalanx of middle toe entirely free from the outer toe; from *Diplochelidon* in having the tail much less than two-thirds as long as wing, and forked for less than one-fourth its length (nearly even in one species), and nasal fossæ occupying at least basal half of maxilla.

Type, *Petrochelidon murina* Cassin (= *Hirundo cinerea* Gmelin?).

**Diplochelidon‡**, new genus.

Nearest *Orochelidon*, but differing in having the tail more than three-fourths as long as wing, forked for one-half its length, the lateral rectrices attenuate; nasal fossæ very small, occupying much less than basal half of maxilla.

Type, *Hirundo melanoleuca* Maximilian.

**Lamprochelidon||**, new genus.

Nearest *Tachycineta* and *Callichelidon* but nasal operculum entirely feathered, the feathering of the frontal antiæ extending to the anterior end of the nasal fossæ and partly hiding nostrils.

Type, *Hirundo euchrysea* Gosse.

\* 'Αλωπός, fox-like; χελιδών, a swallow.

† 'Όρος, a mountain; χελιδών, a swallow.

‡ Διπλός, double; χελιδών, a swallow; with reference to its resemblance to swallows of two different types.

|| Λαμπρός, shining; χελιδών, a swallow.

**Stelgidopteryx salvini**, new species.

Similar to *S. serripennis* but pileum distinctly darker than back, tertials conspicuously margined with white (except in worn plumage), and chin and upper throat pale cinnamon or cinnamon-buff.

Southwestern Mexico (State of Jalisco) to Chiriqui.

Type, No. 30,716, Coll. U. S. Nat. Mus., adult male, Dueñas, Guatemala, October 17, 1859; O. Salvin.

**Vireosylva gilva brewsteri**, new subspecies.

Similar to *V. g. swainsonii* but larger (adult male averaging: wing, 73; tail, 52.5; exposed culmen, 11.2; adult female, wing, 71.7; tail, 50.3; exposed culmen, 10.8 mm.).

Mountains of Chihuahua, northwestern Mexico.

Type, No. 21,811, Coll. William Brewster, adult male, Bravo, Chihuahua, July 24, 1888; M. Abbott Frazar.

**Vireosylva josephæ costaricensis**, new subspecies.

Similar to *V. j. josephæ* but pileum paler sooty, wing shorter and tail longer.

Highlands of Costa Rica.

Type, No. 41,269, Coll. U. S. Nat. Mus., San José, Costa Rica; J. Carmiol.

**Vireo huttoni cognatus**, new subspecies.

Similar to *V. h. stephensi* but underparts without yellowish tinge, the chest not shaded with olive-buff; rump and upper tail-coverts less strongly olive-green.

Cape district of Lower California.

Type, No. 15,527, Coll. William Brewster, adult male, Sierra de la Laguna, Lower California, May 5, 1887; M. Abbott Frazar.

**Vireo huttoni mexicanus**, new subspecies.

Similar in coloration to *V. h. huttoni* but size decidedly larger (adult male averaging: wing, 67.3; tail, 51.9; adult female, wing, 65.4; tail, 51.2 mm.).

Southern portion of Mexican plateau to highlands of Guatemala.

Type, No. 143,442, Coll. U. S. Nat. Mus. (Biological Survey Collection), adult male, Mt. Orizaba, Puebla, April 26, 1893; E. W. Nelson.

**Vireo bellii arizonæ**, new subspecies.

Similar to *V. b. pusillus* but more strongly tinged with olive above, the sides and flanks more strongly tinged with yellowish olive. (Intermediate between *V. b. pusillus* and *V. b. medius*, and bearing to the former the same relation that *V. b. bellii* does to the latter.)

Extreme western portion of Texas to Arizona, and southward into northwestern Mexico.

Type, No. 98,790, Coll. U. S. Nat. Mus., adult male, Tucson, Arizona, March 21, 1884; E. W. Nelson.

**Pachysylvia ochraceiceps pallidipectus**, new subspecies.

Similar to *P. o. ochraceiceps* but chest pale buffy olive instead of light ochraceous-brown.

Southern Honduras to Chiriqui.

Type, No. 47,396, Coll. U. S. Nat. Mus., adult male, Angostura, Costa Rica, July 8, 1867; J. Carmiol.

**Vireolanius pulchellus viridiceps**, new subspecies.

Similar to *V. p. verticalis* but entire pileum, together with upper part of hindneck, green.

Veragua to Panama Railway.

Type, No. 40,148, Coll. Am. Mus. Nat. Hist., adult female, Panama; J. McLeannan.

**Lanius ludovicianus mearnsi**, new subspecies.

Similar to *L. l. mexicanus* but smaller, with larger bill.

San Clemente Island, Santa Barbara group, California; Santa Margarita Island, Lower California.

Type, No. 134,781, Coll. U. S. Nat. Mus., adult female, San Clemente Island, California, August 27, 1894; Dr. Edgar A. Mearns, U. S. A.

**Apelocoma unicolor cœlestis**, new subspecies.

Similar to *A. u. unicolor* but larger and the blue color decidedly lighter (cerulean instead of cobalt).

Highlands of Guatemala and Chiapas.

Type, No. 144,685, Coll. U. S. Nat. Mus. (Biological Survey Collection), adult male, San Cristobal, Chiapas, September 24, 1895; Nelson and Goldman.

**Bæolophus inornatus restrictus**, new subspecies.

Similar to *B. i. inornatus* but darker, especially the underparts, the young conspicuously less brownish.

Vicinity of San Francisco Bay, California.

Type, No. 163,569, Coll. U. S. Nat. Mus., adult male, Oakland, California, March 24, 1896; Dr. J. Hornung.

**Bæolophus inornatus murinus**, new subspecies.

Similar to *B. i. inornatus* but larger, upperparts much grayer, underparts darker and grayer; similar to *B. i. griseus* but decidedly darker.

Southern California, in Los Angeles, San Bernardino, and San Diego counties; northern Lower California.

Type, No. 133,812, Coll. U. S. Nat. Mus., adult male, Nachoguero Valley, Lower California, June 4, 1894; Dr. Edgar A. Mearns, U. S. A.

**Psaltriparus minimus saturatus**, new subspecies.

Similar to *P. m. minimus* but darker in corresponding plumages; young with color of pileum duller, more grayish sooty.

Vicinity of Puget Sound.

Type, No. 136,372, Coll. U. S. Nat. Mus. (Biological Survey Collection), Mount Vernon, Washington, December 11, 1895; C. P. Streator.

**Chamæa fasciata rufula**, new subspecies.

Similar to *C. f. phæa* but paler; the back clearer sepia brown, the underparts lighter vinaceous-cinnamon.

Central coast district of California, in Marin, San Francisco, and Santa Clara counties.

Type, No. 82,620, Coll. U. S. Nat. Mus., Nicasio, Marin County, California, December 8, 1876; C. A. Allen.

**Polioptila nelsoni**, new species.

Similar to *P. cærulea mexicana* but adult male with forehead and crown (within the U-shaped black mark) blackish slate, distinctly glossed

with greenish blue; adult female similar to that of *P. c. castrogaster* but upperparts duller slate-gray and underparts white medially.

Southeastern Mexico (States of Oaxaca and Chiapas).

Type, No. 142,695, Coll. U. S. Nat. Mus. (Biological Survey Collection), adult male, Oaxaca City, Oaxaca, June 21, 1894; Nelson and Goldman.

***Polioptila bairdi*, new species.**

Similar to *P. albiloris* but smaller, and with lores not entirely white, but crossed with a black line (in adult male) from rictus to anterior angle of eye.

Western Nicaragua and Costa Rica.

Type, No. 89,693, Coll. U. S. Nat. Mus., adult male, San Juan del Sur, Nicaragua, January 6, 1883; C. C. Nutting.

***Polioptila superciliaris magna*, new subspecies.**

Similar to *P. s. superciliaris* but decidedly larger (except length of tarsus), the wing much longer; coloration darker, the pileum, in adult female (adult male not seen!) nearly slate-black, the underparts pale gray (between french gray and cinereous), only the abdomen, hinder flanks, anal region and under tail-coverts being white.

Adult female.—Wing, 47.5; tail, 43; exposed culmen, 12.5 mm.

Highlands of central Costa Rica.

Type, No. 189,563, Coll. U. S. Nat. Mus., adult female, Cartago, Costa Rica, April, 1886; J. J. Cooper.

***Telmatodytes palustris iliacus*, new subspecies.**

Similar to *T. p. palustris* but paler and much more refescent, the flanks and anal region conspicuously tawny buff or buffy cinnamon.

Mississippi Valley and Great Plains region, north to Alberta, east to Indiana, south in migration over greater part of Mexico (except north-western portion) and along Gulf coast to western Florida, occasionally to middle and southern Atlantic coast.

Type, No. 90,199, Coll. U. S. Nat. Mus., adult male, Wheatland, Knox County, Indiana, April 30, 1883; R. Ridgway.

This form equals *T. p. dissæptus* Bangs *in part*; but the type of the latter, now before me, is from Wayland, Massachusetts, and, together with a large series from the same portion of the country, seems to me inseparable from *T. p. palustris*.

**Heleodytes nelsoni**, new species.

=*Campylorhynchus megalopterus* and *C. pallescens* of authors, not of Lafresnaye.

Similar to *H. megalopterus* (Lafresnaye)\* but smaller, paler, and more brownish; bands on back dull brownish white or pale brownish buff; spots on underparts grayish brown instead of blackish.

Southeastern portion of Mexican plateau.

Type, No. 13,659, Coll. U. S. Nat. Mus., Jalapa, Vera Cruz, J. Montes de'Oca.

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\*=*H. alticola* Nelson, which Mr. Nelson was misled into naming as new through an error of mine in identifying Lafresnaye's type.